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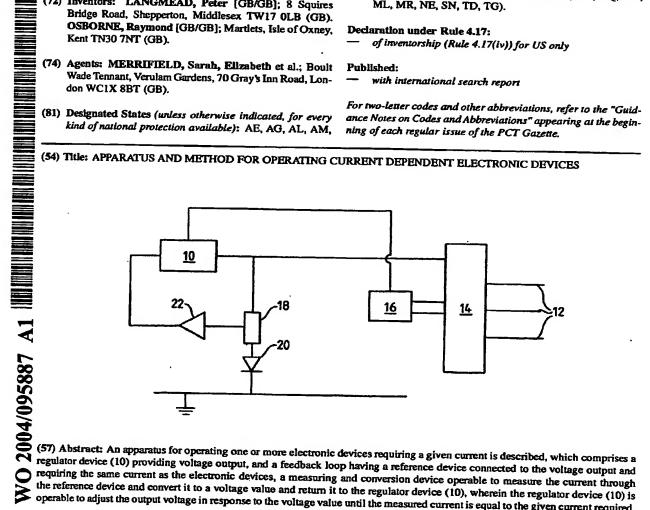
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requiring the same current as the electronic devices, a measuring and conversion device operable to measure the current through the reference device and convert it to a voltage value and return it to the regulator device (10), wherein the regulator device (10) is operable to adjust the output voltage in response to the voltage value until the measured current is equal to the given current required.